

SZAFIR, E.

DOMOK, I.; SZAFIR, E.; PARKAS, M.

Laboratory investigations into the influenza epidemics of 1951 and
1952 in Hungary. Acta microb. hung. 1 no.1-3:99-110 1954.

1. State Institute for Public Health, Budapest; received July 25,
1953.

(INFLUENZA, epidemiol.

*Hungary, laboratory data)

(INFLUENZA VIRUSES

*isolation during epidemic in Hungary)

SZAFIRKIN, E.

SZAFIRKIN, E. Transportation and cooperation within transportation. p. 382.

Vol. 7, No. 10, oct. 1955

PRZEGLAD VOLLEYCZY

TECHNOLICZY

Warszawa, Poland

So: East European Accession, Vol. 5, No. 1, May 1956

SZAFIR, Leslaw; JABLONSKI, Mieczyslaw

During the "dead season" we should improve our vehicles. Motor
11 no.52:6 30 D '62.

PHASE I BOOK EXPLOITATION POLA/356

Polskie Towarzystwo Matematyczne

Prace Matematyczne, Seria I, IV (Mathematical Transactions,

Series I, Vol. IV Warsaw Państwowe Wyd-wo naukowe, 1960.

110 p., 3,075 copies printed.

Editorial Board: Włodzimierz Olszak (Chief Ed.), Marczell Stark,

(Deputy Chief Ed.) Adam Bieliński, Witold Bogdanowicz, Julian

Stanisław Goldba, Jerzy Górecki, Stanisław Hartman, Julian

Musielak (Secretary), Zbigniew Szanidni, and Krzysztof

Tadeuszewicz.

PURPOSE: This book is intended for mathematicians.

COVERAGE: This is a collection of 12 articles dealing with algebra, analysis, theory of numbers, probability theory, and geometry. Summaries in Russian and English or Russian and French are given after each article. To promote more and more mentioned. References follow most of the articles.

REFERENCES: M. (Kraków). On Certain Infinite Series Connected

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$\sum_{k=1}^n A_k x_k^3 = 0$ 45

Schinzel, A. (Warsaw). On the Equation $x^4 + ax^2y^2 + by^4 = 2$ 53

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Generalizations of Theorem on Convolution and the Theory of 53

Distribution 53

Borsuk, B. (Kraków). On the Convergence of a Sequence of 77

Numbers to the Point of the Set

Smoluchowski, L. (Wrocław). A Certain Characterization of 83

A Straight Line Among Plane Graphs

Jedrzejka, T. M. (Poznań). On a Certain Generalized Problem 91

of Fourier for a Normal Parabolic Equation

Kulikowski, R. (Warsaw). On the Limit Distributions of Sums of 111

Unbiased Random Variables

Reports From Scientific Sessions at the Polish Mathematical 119

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Wrocław section 137

Gdansk section 137

Wroclaw section 137

Opole section 137

Bielsko-Biala section 137

AC3/bb/eo
10/20/60
(B)

AVAILABLE: Library of Congress

CARD 4/4

SZAFIRSKI, B. (Krakow)

On an extremal function connected with an arithmetic divergence of
a set. Annales pol math 10 no.3:197-208 '61.

(Series) (Sets, Theory of)

SZAFIRSKI, B. (Krakow)

On a property of limited distribution of extremal points.
Annales pol. math. 11 no.2:107-113 '61.

SZAFIRSKI, Boleslaw

Constructions of the envelope of holomorphy of arbitrary domains
in the space of n complex variables. Prace matem Krakow no.7:35-
42 '62.

POLAND

SZAFJANSKI, Bogdan, Clinic for Diagnosis of Pediatric Diseases (Klinika Diagnostyki Chorob Dzieci), AM [Akademia Medyczna, Medical Academy] in Warsaw (Director: Prof. Dr. med. Zofia LEJMBACH)

"Follow Up of Infants with Bronchitis spastica."

Warsaw, Polski Tygodnik Lekarski, Vol 18, No 39; 23 Sep 63,
pp 1438-1441

Abstract: [Author's English summary modified] Increased recent incidence prompted author to analyze 56 cases of bronchitis spastica in infants. Incidence showed periodic rise, even though not connected with those of rising respiratory diseases, and suggests an epidemiological factor. Follow up of 31 cases, for a period from 1/2 to 6-1/2 years after discharge from the clinic, revealed only 5 cases with bronchial asthma, and the author therefore suggests that "bronchitis spastica" is a more correct term than "bronchitis asthmatica" for infants. There are 9 references: 5 Polish, one (1) Bulgarian, and 3 Western.

1/1

SZAFKA, A. 1948

(Ungarische Versuchstation fur Tierphysiologie und Futterungslehre, Budapest)

"Effect of Yeast in the Fodder on the Fat Content of Milk."

Ziet fur Vitamin-.Hormone und Fermentforschung., 1948 1/6(453-465)

Abst: Exc. Med. 11, Vol. 11, No. 7. p. 925

SZAFIRSKI, B. (Krakow)

On a property of restricted distributions of extremal points.
Annales Pol math 11 no.2:107-113

P/014/61/040/008/007/008
D233/D305

AUTHORS: Rosner, Tadeusz, Joffe, Zenon, and Szafko, Jerzy

TITLE: Co-polymerization of acrylonitrile with methyl
 α -chloroacrylate

PERIODICAL: Przemysł chemiczny, v. 40, no. 8, 1961, 460 - 463

TEXT: Co-polymerization of the above compounds was investigated to produce synthetic fibers with improved dyeing properties, in an effort to evolve a continuous process which would ensure consistency of the material. A short summary of western work is given. Co-polymerization of acrylonitrile (AN) with methyl α -chloroacrylate (ACAM) was carried out using 6.5 % aqueous solutions of the monomers; the co-polymers were precipitated, being insoluble in water. The reaction was redox-initiated, by sodium persulphate (100 parts), sodium metabisulphite (33 parts) and ferrous ammonium sulphate (1 part) and was conducted at pH 2.5, in a glass vessel, at $40 \pm 0.05^\circ\text{C}$, under nitrogen. The temperature was allowed to

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Co-polymerization of ...

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rise during the interaction and 0.91 % Na₂S was added to facilitate the coagulation of the co-polymer. AN, obtained from East Germany was treated with 0.5 % aqueous NaOH and then with water, dried over CaCl₂ and distilled twice; the fraction boiling at 21-22°C/60 mm Hg was collected. ACAM, prepared at the Katedra Włókien Sztucznych (Department of Synthetic Fibers) was purified by shaking with 5 % Na₂SO₃, drying over Na₂SO₄ and distilling. The fraction boiling at 45-50°C/60 mm Hg was collected and used immediately. Na₂S ferrous ammonium sulphate and monomer solutions were first added to 655 ml of distilled water and Na₂S₂O₈ and Na₂S₂O₅ were only mixed in when the correct temperature had been reached, to make a total of 700 ml of the reacting mixture. The reaction was considered to start from the moment of the persulphate addition. The effects of monomer composition and time of copolymerization on the composition, true viscosity and the chloroform - soluble content of the copolymer and of the amount of initiator on the

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P/014/61/040/008/007/008
D233/D305

Co-polymerization of ...

viscosity, have been studied. In initial experiments concentrations of the initiators were 0.63 % persulphate, 0.20 % metabisulphite and 0.05 % of the ferrous ammonium sulphate. The time of co-polymerization was 75 minutes and the upper limit of ACAM in the monomer mixture was kept at 15 %. Compositions of the co-polymers were found by determining N and Cl by the usual methods and the true viscosities were determined at 25°C by means of Ubbelodh's [Abstractor's note: Ubbelohde's] viscometer, extrapolating the experimental values to zero concentration. The chloroform soluble contents (poly-ACAM) of the copolymers were found to be the same as those of poly-AN, indicating that ACAM did not polymerize separately. The copolymers contained less ACAM than the starting monomer mixtures. The experimentally determined relationship between the monomer and copolymer ACAM contents disagreed with that calculated by the method of Skeist [Abstractor's note: Skeist's method not given]. The true viscosity of the copolymers decreased with increasing ACAM contents, from ~4 at 0.5 % ACAM to ~2.25 at 14 %. Since the data obtained did not agree with theoretical expectati-

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Co-polymerization of ...

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ons, a number of tests was carried out, studying the changes in the products after different periods of copolymerization. The initial ACAM contents were made 8.4 % (1st series) and 4.6 % (2nd series) and reactions were interrupted after 3, 5, 10, 15, 20, 30, 40, 50 and 75 minutes, to determine the extent of interaction, compositions, chloroform soluble contents and viscosities of the products. It was found that the degree of interaction rose rapidly to 80 % over 30 minutes (slightly faster for the 2nd series). The percentage of ACAM in the copolymers decreased parabolically with time of interaction, to ~6 % and ~3 % for the 1st and 2nd series respectively, after 90 minutes. The chloroform soluble contents decreased with increasing degree of interaction, showing that poly-ACAM or more probably an ACAM-rich copolymer is formed in the early stages of the reaction. Viscosity of the copolymers was found to increase with time, (to 3.17 and 3.25 for the 1st and 2nd series respectively after 75 minutes), and to be very sensitive to the amount of $\text{Na}_2\text{S}_2\text{O}_8$ used to initiate the reaction. After

Card 4/5

Co-polymerization of ...

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the development of a continuous copolymerization process, future work is visualized as the testing of spum copolymers for their mechanical properties and affinity to dyestuffs. There are 7 figures, 3 tables and 2 non-Soviet-bloc references. The references to the English-language publications read as follows: U.S. Pat. 2,671,072, 1954; Chem. Abstr., 1954 7314; T. Alfrey, J. polym. Sci. 5,719, 1950.

ASSOCIATION: Katedra włókien sztucznych, politechnika Szczecińska
(Department of Synthetic Fibers, Stettin Polytechnic)

SUBMITTED: February 21, 1961

✓

Card 5/5

KARŁOCH, J., M. G. GEMALONI, Tarczyn; BUDOWSKI, Włodzimierz; SŁUBICKA-PIĘKLIK,
Wojciech
~~Włodzimierz Słubicka-Pieklik~~

Frequency of appearance of staphylococcal alpha-toxin in human serum.
Nauki matem przyrod. Godz. no. 16:3-9 - 164.

I. Department of Microbiology, University, Łódź.

SZAFIARSKI, J.

SZAFIARSKI, J. Deep ocean currents. p. 329.

Vol. 1, No. 4, 1955

KOSMOS.

Poland

SCIENCE

So: East European Accessions, Vol. 5, May 1956

SZAFLARSKY, J.

The so-called prespring thermic layers in water of the Tatra Mountain lakes.
p. 229. (Przeglad Geofizyczny, Vol. 1, No. 3/4, 1956, Warsaw, Poland)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, No. 8, Aug 1957. Uncl.

SZAFLARSKI, J

"The Wahlenberg map of the Tatra Mountains in 1813 as a prototype of a map with colored contour lines. Tr. from the Polish"

p. 145 (Department of Cartography, Czechoslovak Academy of Sciences) Vol. 11, no. 4, 1957

SO: Monthly Index of East European Accession (EEAI) LC, Vol. 7, no. 5, May, 1958

SZAFLARSKI, Jerzy (Katowice, Brynowska 27)

Investigations on toxoplasmosis being carried on in the Katowice scientific center. Wiad parazyt 7 no.4/6:880-882 '61.

1. Wojewodzki Zaklad Higieny Weterynaryjnej, Katowice.

SZAFLARSKI, J. (Katowice)

"Thermal conditions of Lake Ohrid" by S. Stankovic and S. Hadzisce.
Reviewed by J. Szaflaeski. Czasopismo geograficzne 32 no.1:90-92 '61.

SZAFLARSKI, J.

KAMINSKA, A; SZAFLARSKI, J.

Brucellosis; occupational disease of veterinarians in Silesia.
Med. wet. 6 no.5:284-285 May 1950. (CLML 20:1)

1. Of the National Veterinary Institute -- Of the Regional
Institute of the Veterinary Hygiene in Katowice (Head--Eng.
Jerzy Szaflarski).

SZAFLARSKI, J.

Use of intradermopalpebral allergic tests in diagnosis of parasitic diseases in animals. Med.wet. 6 no.10:585-589 Oct 50. (CLML 20:5)

1. Of the Regional Veterinary Institute in Katowice (Head--Jerzy Szaflarski, M.D.) National Veterinary Institute.

SZAFLARSKI, J.: STEPHEN, J.

"Trichomoniasis in Birds," P. 486, (MEDYCyna WETERYNARYJNA, Vol. 6, No. 11,
Nov. 1952, Warszawa, Poland)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. 5,
May 1955, Uncl.

LEGEZYNSKI, S.;SZAFLARSKI, J.

Studies on serological relationship between Heine-Medin and Teschen diseases. Med. dosw. mikrob. 5 no.2:265-275 1953. (CIML 25:1)

l. Of the Institute of Microbiology of Bialystok Medical Academy and of Katowice Regional Institute of Veterinary Hygiene.

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SZAFIARSKI, J.

Avitaminosis H of marmots (*Citellus suslicus*). p. 175. (MEDYCyna WETERYNARYJNA,
Vol. 9, no. 4, April, 1953.

SO: Monthly List of East European accessions, L.C., Vol. 3, No. 4, April, 1954

LEGEZYNSKI, Stanislaw; SZAFLARSKI, Jerzy

Attempted cross immunization of mice with poliomyelitis Lansing and Teschen disease viruses. Med. dosw. mikrob. 6 no.4:367-373 1954.

1. Z Zakladu Mikrobiologii Akademii Medycznej w Bialymstoku i z Wojewodzkiego Zakladu Higieny Weterynaryjnej w Stalinogrodzie.

(POLIOMYELITIS, immunology,

vacc., cross immun. of mice with polio. & Teschen dis.
vacc.)

(ENCEPHALOMYELITIS,

Teschen dis., cross immun. of mice with polio & Teschen
dis. vacc.)

(VACCINES AND VACCINATION,

polio. & Teschen dis. cross immun. of mice)

LEGEZYNSKI, Stanislaw; SZAFLORSKI, Jerzy

Duration of immunizing properties of vaccines prepared from Lansing strain. Med. dosw. mikrob. 6 no.4:375-379 1954.

1. Z Zakladu Mikrobiologii Akademii Medycznej w Bielymstoku i z Wojewodzkiego Zakladu Higieny Weterynryjnej w Stalinogradzie.

(VACCINES AND VACCINATION,

polio duration of immun. properties of vacc. from Lansing varus)

(POLIOMYELITIS, immunity,

vacc., duration of immun. properties of vacc. from Lansing virus)

SZAFIARSKI, J.; BLEJANSKI, W.: ZAPRZAL, K.

Trichomonas bovis in the epididymis of a bull. p.249
BULLETIN. Varsovie
Vol. 3, no. 7, 1955. In English

So. East European Accessions List Vol. 5, No. 9 September 1956

SZAFLARSKI, Jerzy (Stalinogrod)

Verification of Trichomonas bovis in the testis in a bull.
Wiadomosci parazyt., Warsz. 2 no. 5 Suppl:139 1956.

1. Wojewodzki Zaklad Higieny Weterynaryjnej.
(TRICHOMONIASIS, case reports,
testicular T. bovis in bull (Pol))
(TESTES, diseases,
Trichomonas bovis, isolation in bull (Pol))

POLAND/Virology. Human and Animal Viruses. Viral Agents of Diseases E
of Swine.

Abs Jour : Ref Zhur - Biol., No 4, 1959, No 14669

Author : Laski Z., Szaflarski J.

Inst : -
Title : Investigations on the Biology of the Virus of the Teichen
Disease. Report I.

Orig Pub : Med. weteryn., 1956, 12, No 12, 709-713

Abstract : Attempts to adapt strains virulent in sucking pigs for
kittens, chickens, mice and chicken embryos were not
successful.

Card : 1/1

POLAND / Diseases of Farm Animals. Diseases Caused by
Viruses and Rickettsiae.

R-2

Abs Jour : Ref Zhur - Biol., No. 17, 1958, No. 78942
Author : Laski, Zdzislaw; Szaflarski, Jerzy; Wcislo, Bronislaw.
Inst : Not given
Title : Results of Inoculations Against Swine Disease on Farms.
Orig Pub : Med. weteryn., 1957, 13, No. 4, 199-201

Abstract : A vaccine prepared by the Traub method with a modification
of Kondrina was introduced subcutaneously to young pigs
in a dose of 10 - 15 ml and 20-25 ml to pigs. Of 844
animals vaccinated in the course of 8 months, 2 (0.35%)
were ill.

Card 1/1

~~SZAFIARSKI, Jerzy~~
~~SZAFIARSKI, Jerzy~~

Attempted recording of trichomoniasis in bulls in the Katowice district.
Wiadomosci parazyty., Warsz. 4 no.1:51-54 1958.

1. Z Wojewodzkiego Zakladu Higieny Weterynaryjnej w Katowicach.

(TRICHOMONIASIS
in bulls in Poland, statist. (Pol))

(CATTLE, dis.
trichomoniasis in bulls in Poland, statist. (Pol))

SZAFIARSKI, Jerzy

~~Further attempts to record trichomoniasis in bulls in the Katowice district.~~
Wiadomosci parazyt., Warsz. 4 no.2:121-123 1958.

1. Z Wojewódzkiego Zakładu Higieny Weterynaryjnej w Katowicach.
(TRICHOMONIASIS, epidemic,
in Poland, in bulls (Pol))
(CATTLE, dis.
trichomoniasis in bulls in Poland (Pol))

STEFFEN, Jadwiga; SZAFLARSKI, Jerzy

Statistical data on the appearance of trichomoniasis in bulls in the Katowice province in 1954-1958. Wiadomosci parazyty., Warsz. 4 no.5-6: 597-598; Engl. transl 598-600 1958.

1. Z Woj. Zakl. Hig. Weteryn w Katowicach.
(CATTLE diseases,
trichomoniasis in bulls (Pol))
(TRICHOMONIASIS, epidemiol.
in bulls (Pol))

POLAND/Virology. Human and Animal Viruses. Viral Agents of Diseases E
in Swine.

Abs Jour : Ref Zhur - Biol., No 4, 1959, No 14670

Author : Larski Z., Szaflarski J., Szurman J.

Inst : -

Title : Investigations on the Biology of the Virus of the Teschen
Disease. Report II.

Orig Pub : Med. weteryn., 1958, 14, No 1, 2-5.

Abstract : Negative results were obtained in the adaptation of the virus
to rabbits which received cortisone and also to mice fol-
lowing preliminary passages in swine and in tissue cultures.
The intramuscular injection of cortisone before infection
with the virus shortened the incubation period but did not
change the clinical manifestations of the disease. No varia-
tions in the sensitivity of swine of various districts to
the virus were noted. From the authors' summary.

Card : 1/1

- 24 -

KUCHARCZYK, W.; LIMANSKI, M.; SKORCZYNSKI, M.; SZAFLARSKI, J.

Free amino acids in blood serum in cases of trichinella spiralis.
Wiadomosci parazyt. 6 no.4:329-330 '60.

1. The Labor. for Immunopathology of Pregnancy and Infant,
Katowice, Poland.

(TRICHINOSIS blood)
(AMINO ACIDS blood)

GALUSZKA, Jan; NAZAR, Tadeusz; SZAFLARSKI, Jerzy; WACLAWEK, Dorota

Sabin-Feldman toxoplasmin color reaction in dogs in Krakow.
Wiadomosci parazyt., Warsz. 6 no.5:425-427 '60.

1. Pracownia toksoplazmozy Wojewodzkiej Przychodni Immunopatologii
Czazy i Noworodka i Wojewodzki Zaklad Higieny Weterynaryjnej,
Katowice (Doniesienie tymczasowe)
(TOXOPLASMOSIS immunol)

Szaflarski, Jerzy

4

GALUSZKA, Jan
SURNAME (in caps); Given Name

Country: Poland

Academic Degrees:

Województwo Institute of Veterinary Hygiene (Wojskodzi
Affiliation: Zakład Higieny Weterynaryjnej), Katowice; Director:

Jerzy SZAFLARSKI, Docent dr

Source: Warsaw, Hodocyna Weterynaryjna, No 4, April 1951, pp 222-225

Data: "Ornithosis."

Co-author:

SZAFLARSKI, Jerzy, Director of the Województwo Institute of
Veterinary Hygiene (Wojskodzi Zakład Higieny
Weterynaryjnej), Katowice,
Docent dr

SZAFLARSKI, J. (Katowice)

The incidence of trichomoniasis in bulls in the Katowice Voivodeship.
Rocznik nauk roln. wet. 70 no.1/4:360-362 '60. (EEAI 10:9)

(Bulls) (Trichomoniasis)

SZAFLARSKI, J.; SKORCZYNSKI, M.; KUCHARCZYK, W.; LIMANSKI, M.

Studies on the activity of transaminases (GOT and GPT) in experimental toxoplasmosis. Wiadomosci parazyt. 7 no.2:437-438 '61.

l. Wojewodzka Przychodnia Immunopatologii Ciazy i Noworodka,
Zaklad Mikrobiologii Lekarskiej Slaskiej Akademii Medycznej.

(TOXOPLASMOSIS exper) (TRANSAMINASES chem)

SZAFIARSKI, Jerzy

Studies on toxoplasmosis in the Katowice center. Wiadomosci
parazyt., 7 no.4/6:880-882 '61.

l. Wojewodzki Zaklad Higieny Weterynaryjnej, Katowice.
(TOXOPLASMOSIS prev & control)

- 27
1. "Veterinary Medicine, Vol 18, No 4, April 1962.
Warsaw, Medycyna Weterynaryjna, pp 193-197." Tadeusz JASTRZEBSKI; pp 193-197.
 2. "Field Diagnosis of Str. agalactiae Using the Roto's Method," Dr. WIESIŃSKI, Dr. MĘCIŃSKI, and A. GŁABISZ. Research Office of Animal Hygiene [ZAKŁAD Nauk i Ch. Miejsca] of The Institute for Veterinary Research [Instytut Weterynarii] at Bydgoszcz [Dyrektor: Docent Dr. Jerzy WIESIŃSKI], or the Zootechnical Institute [Inżynier Tadeusz GŁABISZ] at Kraków, and of The VET [Inżynier Tadeusz GŁABISZ] Veterinary Research Office) at Bydgoszcz [Inżynier Tadeusz GŁABISZ] Research Office) at Bydgoszcz pp 197-201. (English summary).
 3. "Cases of Avulsky's Disease in Silver Pigeons, White Parrot and Minas. Juditka STUPNÍK and Jana STUPNÍKová at the VZH at Katowice [Dyrektor: Prof. Dr. Jerzy STANISŁAWSKA]; pp 201-204.
 4. "Intransal Immunization of Chicks Against Newcastle Disease Using the Strains SPV, LaSota, and F. Vanda BOUŠEK of the Research Office for Poultry Diseases [Zakład Chorób Drobnych of the SGH Gloria Copoderium Medykusco, Main School of Rural Economy] at Warsaw [Dyrektor: Docent Dr. Katarzyna MARK]; pp 205-207 (English summary).
 5. "Notes on the Serodiagnosis of Brucellosis of Sheep," Leopold UCOLSKI of the VZH at Wrocław [Dyrektor: Dr. L. UCOLSKI]; pp 207-209 (English summary).
 6. "Haemolytic Reaction and Blood Picture in Cattle Infected with Tuberculosis," Antoni DŁĘKA and Zofia MAŁKIEWICZ of the Chair of Pathobiology [Katedra Patogenetiki] of the SGH at Warsaw [Dyrektor: Prof. Dr. A. SŁOMSKI] and of Small-animal Disease [Prof. Dr. A. SŁOMSKI] of the Faculty of Veterinary Science [Wydział Chorób Zwierząt] of the Research Office (Zakład Chorób Zwierząt) of the Faculty of Veterinary Medicine of SGH at Warsaw [Dyrektor: Docent Dr. M. STASZEWSKI]; pp 210-211.
 7. "Rupture of Splen in a Bull Suffering from Tuberculosis," Zenon WACHLIK and Jan SŁAPAKA of the Chair of Pathobiology [Katedra Patogenetiki] of the Faculty of Veterinary Science [Wydział Chorób Zwierząt] of the School of Agriculture [Wszyska Szkoła Rolnicza], Prof. Dr. Tadeusz SONIACH; pp 211-212.
- SZAFARZKI
- 1/3 ... 1/3

GALUSZKA, Jan; SZAFLARSKI, Jerzy

Studies on the virulence of Toxoplasma cultivated in vitro. Wiad.
parazyt. 8 no.5:525-530 '62.

l. Wojewodzki Zaklad Higieny Weterynaryjnej, Katowice.
(TOXOPLASMA)

POLAND

SZAFLARSKI, Jerzy, Dr. [Affiliation not given]

"Ode Bujwid, Pioneer of Polish Medical and Veterinary
Microbiology (1857-1942)."

Warsaw-Lublin, Medycyna Weterynaryjna, Vol 18, No 12, Dec
62, pp 705-709.

Abstract: Biographical sketch and scientific contributions
of this Polish scientists, including a listing of his veter-
inary works. There are 34 references, all Polish.

1/1

GALUSZKA, Jan; SZAFLARSKI, Jerzy

On the role of toxoplasmosis in ophthalmology. Klin. oczna 32
no.1:63-66 '62.

1. Z Zakladu Mikrobiologii Lekarskiej Sl. AM w Zebrzu-Rokitnicy
Kierownik: prof. dr J.Szaflarski Z Wojewodzkiej Przychodni Immuno-
patologii Uzay i Noworodka w Katowicach Kierownik: dr med.
M.Skorczyński.

(TOXOPLASMOSIS) (OPHTHALMOLOGY)

CHRUSCIEL, Tadeusz; GALUSZKA, Jan; SAMOCHOWIEC, Leonidas; SZAFLARSKI, Jerzy

Tentative treatment of experimental toxoplasmosis in mice. Pt.1.
Acta parasit Pol 10 no.12/20:261-264 '62.

1. Zaklad Farmakologii, Akademia Medyczna, Zabrze-Rokitnica (for
Chrusciel and Samochwiece). 2. Zaklad Mikrobiologii, Akademia Medyczna,
Zabrze-Rokitnica (for Galuszka and Szaflarski).

GLOWINSKI, Mieczyslaw; SKORCZYNSKI, Marian; SZAFLARSKI, Jerzy;
LIMANSKI, Marian

Activity of transaminases (SGOT and SGPT) in the blood serum
of pregnant women suspected of toxoplasmosis. Pol. tyg. lek.
18 no.27:969-975 1 Jl '63.

1. Z I Kliniki Poloznictwa i Chorob Kobiecych Sz. AM w Zabrze;
Kierownik: prof. dr Wojciech Starzewski [deceased] i z Woj.
Przychodni Immunopatologii Ciazy i Noworodka w Katowicach;
Kierownik: dr Marian Skorczynski.

(PREGNANCY COMPL., INFECTIOUS)
(ALANINE AMINOTRANSFERASE)
(ASPARTATE AMINOTRANSFERASE)
(BLOOD CHEMICAL ANALYSIS)
(ENZYME TESTS) (TOXOPLASMOSIS)

GALUSZKA, Jan[deceased]; SZAFLARSKI, Jarzy.

Therapy of experimental toxoplasmosis. Wiad. parazyt. 9 no.2:
101-108 '63.

1. Katedra Mikrobiologii Slaskiej Akademii Medycznej, Zabrze-
Rokitnica i Wojewodzki Zaklad Higieny Weterynaryjnej, Katowice.
(TOXOPLASMOSIS) (SULFONAMINES)
(CHLORTETRACYCLINE) (OXYTETRACYCLINE)
(CHLORPROMAZINE) (QUINACRINE)
(CHLOROGUANIDE) (QUININE) (CINCHOMA)
(TRYPARASAMIDE) (ANTIMALARIALS)

GALUSZKA, Jan[deceased]; SZAFLARSKI, Jerzy

Diacycline treatment of acute experimental toxoplasmosis
in mice. Arch. immun. ther. exp. 11 no.1/2:135-137 '63.

1. Institute of Veterinary Hygiene, Katowice.
(TOXOPLASMOSIS, ANIMAL) (ANTIBIOTICS)

CHRUSCIEL, Tadeusz, docent dr; GALUSZKA, Jan [deceased]; SAMOCHOWIEC,
Leonidas; SZAFLARSKI, Jerzy, prof. dr

Tentative treatment of experimental toxoplasmosis in mice.
Pt. 2. Acta parasit Pol 11 no.1/4:77-80 '63.

1. Department of Medical Microbiology, Silesian Medical School,
Zabrze-Rokitnica, Head: Prof. J. Szaflarski, and Department
of Pharmacology, Silesian Medical School, Zabrze-Rokitnica,
head: docent dr. Chrusciel.

CHRUSCIEL, Tadeusz, dr. docent; GALUSZKA, Jan [deceased]; SAMOCHOWIEC, Leonidas; SZAFLARSKI, Jerzy, prof.dr.

Tentative treatment of experimental toxoplasmosis in mice.
Pt.3. Acta parasit. Pol. 11 no.5/13:81-84 '63

1. Department of Pharmacology, Silesian Medical School, Zabrze-Rokitnica, (Head: Dr. Chrusciel) and Department of Medical Microbiology, Silesian Medical School, Zabrze-Rokitnica (Head: Prof. Szaflarski).

*

SZAFIARSKI, Jerzy; SKORCZYNSKI, Marian; KUCHARCZYK, Wiktor;
LIMANSKI, Marian

Activity of transaminases (GOT and GPT) in experimental
toxoplasmosis. Acta parasit Pol 11 no. 19: 371-374 '63.

1. Zaklad Mikrobiologii, Akademia Medyczna, Zabrze-Rokitnica
(for Szaflarski).
2. Wojewodzka Przychodnia Immunopatologii Ciazy, Katowice
(for Skorczynski, Kucharczyk, Limanski).

*

POLAND

WOZNICKO-ORLOWSKA, Genowefa, SWIERCZYSKA, Zdzislawa, and SZAFLARSKI, Jerzy, Department of Microbiology (Zaklad Mikrobiologiczny), Sl. AM [Slaska Akademia Medyczna, Silesian Medical Academy] in Zabrze-Rokitnica (Director: Prof. Dr., Mistrz Inżynier Jerzy SZAFLARSKI)

"Anti-bovine Protein Antibodies in Human Sera."

Warsaw, Polski Tygodnik Lekarski, Vol 18, No 36, 2 Sep 63,
pp 1329-1333

Abstract: [Authors' English summary modified] Authors used the haemoagglutination reaction of bovine serum coated red blood cells (in the presence of diazotized bensidine) to seek immunological anti-bovine antibodies in human blood. Their findings are presented in 2 figures and 3 tables. Of 1268 human sera investigated, 101 cases were found to contain them, most of which were bottle-fed children under one year of age, and authors assume that the antibodies were probably due to introduction of the bovine milk antigen by way of the intestinal tract. One Polish, and 5 English-language references.

1/1

POLAND

SZUMAK, Jan and SZAFLARSKI, Jerzy, Department of Medical Microbiology (Zaklad Mikrobiologii Lekarskiej), Sl. AM [Slaska Akademia Medyczna, Silesian Medical Academy] in Zabrze

(Director: Prof. Dr. J. Szaflarski) APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001654410002-8"

"Determination of Chemical Nature of Exudate in Mice Infected with Toxoplasma Gondii."

Warsaw-Krakow, Przeglad Lekarski, Vol 19, Ser II, No 7, 31 Jul 63, pp 313-321

Abstract: [Authors' English summary] The character of the toxoplasmin and of the entire mouse exudate in ultraviolet light was determined by Brdicky's polarographic reaction and electrophoresis on agar. The exudate was fractionated with ammonium sulphate, 20% sulphosalicylic acid and 90% phenol. The active fraction in the intradermal reaction was found to be a protein fraction, investigation of which continues. Two German and one English references.

1/1

SZURMAN, Jan; SZAFLARSKI, Jerzy, prof. dr

Determination of the chemical character of an exudate in mice
infected with Toxoplasma gondii. Przegl lek 19 no.7:318-321
'63.

1. Institute of Medical Microbiology, Silesian School of Medicine.
Head: Prof. J. Szaflarski.

GABRYS, Karol; SZAFLARSKI, Jerzy

Allergometric studies of toxoplasmosis in dogs. Wiad. parazyt.
10 no.4:387-388 '64

1. Wojewodzki Zaklad Higieny Weterynaryjnej, Katowice.

CHRUSCIEL, Tadeusz, doc. dr; SAMOCHOWIEC, Leonidas; STEFFEN, Jadwiga;
SZAFLARSKI, Jerzy, prof. dr

Tentative treatment of experimental toxoplasmosis in mice.
Pt.4. Acta parasit Pol 12 no.1/12:89-92 '64.

1. Head, Department of Pharmacology, Silesian Medical School,
Zabrze (for Chrusciel). 2. Department of Pharmacology, Silesian
Medical School, Zabrze (for Samochowiec). 3. Department of
Medical Microbiology, Silesian Medical School, Zabrze (for Steffen).
4. Head, Department of Medical Microbiology, Silesian Medical
School, Zabrze (for Szaflarski).

HANKIEWICZ, Jan. ; KOWAR, Maria; & AFIARSKI, Jerzy

The behavior of some protoplasmic elements in the blood serum
in the course of experimental trichinosis in rabbits. Wiad.
parazytol. 10 no. 4:322-323 '64.

I. Wojewódzki Zakład higieny Weterynaryjnej, Katowice, I Zakład
Parazytologiczny Polskiej Akademii Nauk, Warszawa.

CHRUSCIEL, T.; SAMOCHOWIEC, L.; SZAFIARSKI, Jerzy; STEFFEN Jadwiga

The effect of simultaneous administration of tetracycline,
ascorbic acid, diacycline and sulfametoxydiazine on the
course of subacute toxoplasmosis in white mice. Wiad. parazyt.
10 no.4:363-364 '64

I. Wojewodzki Zaklad Higieny Weterynaryjnej, Katowice.

L 29752-66 T JK
ACC NR: AP6020902

(A)

SOURCE CODE: P0/0071/65/000/008/0476/0478

AUTHOR: Hankiewicz, Jan--Gankevich, Ya. (Doctor; Katowice); Kozar, Maria; 25
Szaflarski, Jerzy--Shaflyarski, Ye. B

ORG: Regional Institute of Veterinary Hygiene/headed by Professor, Dr. J. Szaflarski,
Katowice (Wojewodzki Zaklad Higieny Wet.)

TITLE: Activity of glutamic, oxalacetic and pyruvic transaminases, lactic acid
dehydrogenase, and aldolase in rabbit plasma during experimental trichinosis 0

SOURCE: Medycyna weterynaryjna, no. 8, 1965, 476-478

TOPIC TAGS: rabbit, enzyme, animal parasite, blood plasma, skeletal mechanics

ABSTRACT: Enzymatic studies on the blood of nine rabbits experimentally infected with 5,000 trichina larvae and three with 10,000, determining blood enzymatic activity every three days until day 39 after inoculation; results in general confirmed the expected pattern of changes as resulting from infestation and breakdown of muscles; glutamic pyruvic transaminase increased almost 3-fold; GOT and the other enzymes also changed as expected. Orig. art. has: 3 figures and 1 table. [Based on authors' Eng. abstract] [JPRS]

SUB CODE: 06 / SUBM DATE: none / ORIG REF: 001 / OTH REF: 013

Card 1/1 (C)

SZAFLARSKI, Jerzy; CHRUSCIEL, Tadeusz L.

Drug therapy of toxoplasmosis. Wiad. parazyt. 11 no.1:131-138
'65.

L 13245-66

ACC NR: AP6006045

SOURCE CODE: CZ/0053/65/014/004/0295/0296

22
B.

AUTHOR: Chrusciel, T. L.; Steffen, J.; Szaflarski, J.

ORG: Medical Academy, Katowice

TITLE: Effect of various sulfonamides with prolonged effect on experimental subacute toxoplasmosis in mice [This paper was presented during the Twelfth Pharmacologic Days, Smolenice, 26 Jan 65.]

SOURCE: Ceskoslovenska fysiologie, v. 14, no. 4, 1965, 295-296

TOPIC TAGS: mouse, drug effect, sulfonamide, sulfa drug, protozoology, animal parasite, antibiotic

ABSTRACT: Effect of sulfapyridine, sulfasomizole, sulfadimethyloxazole, sulfathiazole, and phthalylsulfathiazole, sulfamethizole and other sulfonamides was studied. Best were the pyrimidine derivatives, especially sulfamethyl-pyrimidine, at 10 mg /Kg , sulfadiazine 100 mg /Kg. and sulfamethoxypyrimidine, 125 mg /Kg. JPRS

SUB CODE: 06 / SUBM DATE: none / OTH REF: 001

Card 1/1

POLAND

FUROWICZ, Antoni; and STEFFEN, Jadwiga, Regional Institute of Veterinary Hygiene, Katowice (Wojewodzki Zaklad Higieny Weterynaryjnej) Head (Kierownik)
Prof. Dr. J. SZAFLARSKI

"An Attempt to Identify Strains of Pasteurella pseudotuberculosis Isolated from Animals in the Katowice Province"

Lublin, Medycyna Weterynaryjna, Vol 22, No 11, Nov 66; p. 660-663

Abstract [English summary modified]: All 9 strains of Pasteurella pseudo-tuberculosis isolated between 1963 and 1965 from monkeys, turkeys and a hare were closely related biochemically, though different mainly in the speed of fermentation of D-mannose and xylose. All strains were relatively acid-resistant and sensitive to chloramphenicol. 4 tables, 1 Czech, 3 Polish including 1 unpublished, and 12 Western references.

1/1

SZAFLARSKI, Jozef (Katowice)

The first contour line map of the Tatra Mountains and their foothills
of 1857. Czasop. geograf. 33 no.3:297-311 '62

SZAFLIK, Juliusz

Four-shift operation of headings in the Walenty-Wawel mine.
Wiadom gorn 11 no. 4:111-115 Ap '60.

PLATE I BOOK INFORMATION

Sov/4985

International symposium on macromolecular chemistry. Moscow, 1960.
 Matematicheskiy simposium po makromolekulyarnoy khimii, SSSR, Moskva, 14-18 iyunya 1960 g.; doklad 1 etochnosti. Sotsialna II. (International Symposium on Macromolecular Chemistry Held in Moscow, June 14-18; Papers and Summaries) Section II. (Moscow, Izd-vo Akad. SSSR, 1960), 559 p., 5,500 copies printed.
 Sponsoring Agency: The International Union of Pure and Applied Chemistry, Commission on Macromolecular Chemistry
 Tech. Ed.: T.A. Pruzhova.

PURPOSE: This book is intended for chemists interested in polymerization reactions and the synthesis of high-molecular compounds.

CONTENTS: This is Section II of a multivolume work containing papers on macromolecular chemistry. The papers in this volume treat mainly the kinetics of various polymerizations initiated by different catalysts or induced by radiation. In most the research techniques discussed are electron paramagnetic resonance spectroscopy and light-scattering interpolymer. There are summaries in English, French and Russian. No personalities are mentioned. References follow each article.

Marciniak, J., and L.J. Plata (USA). Processes of Polymerization and Crystallizing on Newly Formed Surfaces	460
Voloshina, A.V., G.I. Kudryavtsev, S.M. Shnurkov, and A.E. Borodatova (USSR). The Polymerization Process in the Solid Phase	465
Galeotti, P., A. Stattner, Z. Holly, and H. Scollar (Hungary). Mechanism of the Polymerization of ϵ -Caprolactam in the Presence of Phosphoric Acid	477
Chareauwski, S., B. Ostaszewski, and Wlodarczak (Poland). Polymerization of Caprolactam, Fumrolactam and Caprylactam in the Presence of Their Sodium Salts in Nonsolvent Solvents With Carbon Dioxide As an Activator	497
Vanecek-Smerkofsky, I., L. Matys-Dobrovolny, and Z. Matys-Stril (Czechoslovakia). Investigation of Melamine-Cresolate Polymerization During the Polyesterification of Different Glycols	504
Lazecik, Z., and S. Chramostowicz (Poland). Kinetics of the Polymerization of Diethylbenzeneol	521
Pracejch, F., Mite, and J. Sedlick (Czechoslovakia). Use of the Extrapolation Method in Computing Data on Light-Scattering for the Case of Continuous Constant Observation of Polymerization in Particles	544
AVAILABILITY: Library of Congress	19
STAFF WORKERS	
Breuer, S.Ya., M.I. Mosevitsky, I.I. Podalibner, and Shaih Kaudz-1 (Yush). Study of Some Details of the Mechanics of Polymerization Under the Action of Complex Catalysts	272
Favron, I.M., S.Ya. Mosevitsky, M.M. Dobrotova, and M.G. Oshnera (USSR). Stereoregularity and the Optical Properties of Polymers	373
Michtig, T.M., Yu. Ya. Gorikh, and O.M. Butman (USSR). The Heterogeneity of Polymers and Methods of Study	383
Abtin-Ald., A.P. Shcherber, M.K. Yakovlev, and L.P. Melnikova (USSR). On Carbonyl and Carbocation Polymerization Mechanisms Under the Effects of Gamma Radiation	410
Erdely, J., and J.L. Kabosz (USSR). Polymerization Processes in Insoluble Molecular Dispersions	453
Machida, T., Y. Nagishi, and I. Ito (Czechoslovakia). Kinetics of the Polymerization of Formylaldehyde	474
Vesely, K. (Czechoslovakia). On the Mechanics of Ionic Polymerisation	253
Kabanova, and A. Kaidis (Czechoslovakia). On the Role of Nonpolar Compounds in the Cationic Polymerization of Isobutylene	262
Erdely, J., and J.L. Kabosz (USSR). 45	272

POGANY, Gabriella; SZAFNER, Alfred

Photosensitive plastic engraving plates in relief printing.
Magy kör lap 18 no.9:431-439 S '63.

1. Muanyagipari Kutato Intezet.

SZAFNICKI, J.

SZAFNICKI, J. Ten years of the Chemical Department of the Silesian Polytechnic
p. 329.
List of papers published or submitted for publication by scientific workers
of the Chemical Department of the Silesian Polytechnic. p. 334.
CHEMIK. Katowice, Poland. Vol. 8, No. 12, Dec. 1955

SOURCE: East European Accessions List (EEAL) LC Vol. 5, No. 6, June 1956

SKAWICKI, J.

Question of the possibilities of utilizing basic slag in agriculture and
in the synthetic fertilizer industry. p. 213, Vol. 11, no. 5, May 1955, PRZEMYSŁ
CHEMICZNY

SO: MONTHLY LIST OF EAST EUROPEAN ACCESSIONS, (EHAL), LC, Vol. 4, No. 9,
Sept. 1955, Uncl.

SZAFNICKI, JOZEF

Poland /Chemical Technology. Chemical Products
and Their Application

I-9

Fertilizers

Abs Jour: Referat Zhur - Khimiya, No 9, 1957, 31296

Author : Szafnicki Jozef

Title : Effect of the Degree of Comminution of Limestone
on Nitrogen Losses in the Production of Lime-
Ammonia Salpeter

Orig Pub: Chemik, 1956, 9, No 3, 72-74

Abstract: Laboratory experiments on mixing NH_4NO_3 melt con-
taining 5% water, with limestone of different
degree of comminution, at 145-150°, have shown
that losses of N increase greatly when the parti-
cle size of the limestone is less than 0.12 mm.
It is recommended to utilize the fine fraction

Card 1/2

SZAFNICKI, J.

SZAFNICKI, J. Concerning publications on industrial safety and hygiene in the chemical industry. p. 249

Vol. 9, no. 9, Sept. 1956

CHEMIK
SCIENCE
Warszawa, Poland

So: East European Accession, Vol. 6, no. 2, Feb. 1957

POLAND/Chemical Technology, Chemical Products and Their
Application, Part 2. - Fertilizers.

H-9

Abs Jour: Referat. Zhurnal Khimiya, No 10, 1958, 33115.

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001654410002-8"

Author : Josef Szafnicki

Inst : Not given.

Title : To the Question of Utilization of Lime Produced at
Blast Furnace Smelting as Fertilizer.

Orig Pub: Chemik, 1957, 10, No 3, 69-71.

Abstract: The question of using blast furnace slag for the enrichment of soil with lime is discussed. It is recommended to use "autodisintegrating" slag (AS), which does not need the expensive operation of crushing. AS is formed at the CaO content above 42% and at a slow cooling; the crystalline structure of one of the

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25

POLAND/Chemical Technology, Chemical Products and Their
Application, Part 2. - Fertilizers.

H-9

Abs Jour: Referat. Zhurnal Khimiya, No 10, 1958, 33115.

slag components, $2\text{CaO}\cdot\text{SiO}_2$ ortho-silicate, changes at 675° , the slag volume increases by 10% and the mass disintegrates into particles few μ large. This phenomenon, which is undesirable at smelting in consequence of dust formation, can be avoided by a rapid cooling of slag furthering the formation of a glassy mass in the metastable state, which does not contain dust. The granulometric composition of such an AS is (in %): particles above 0.2 mm - 22.1, above 0.09 mm - 27.6, above 0.075 mm - 8.3, above 0.06 mm - 8.6 and under 0.06 mm - 32.4. It is recommended to remove the fines by screening in order to reduce dust formation, when AS is used as fertilizer. As of the particle size, that of

Card : 2/3

Card : 3/3

2.6

CONSPIR:	: roland	H-2
CAT. NUMBER:	:	
ABSTRACT JOUR.	: RZhKhM., No. 22 1959, No.	78799
AUTHOR:	: Szafnicki, J.	
INST.:	: Not given	
TITLE:	: A New Continuous Industrial Cooling Process	
GRIP. PUB.:	: Chemik, 11, no 12, 1956-1959 (1956)	
ABSTRACT:	A new process for the cooling of various solid substances is proposed, characterized in that the material to be cooled moves on a thin steel ribbon the bottom of which is sprayed with jets of water. The design of installations of the type described for application in the production of ammonium nitrate, sulfur, and calcium cyanamide is described. The high effectiveness of the proposed cooling process is noted together with the possibility of its automation.	
	v. Sokol'skiy	

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148

SZAFNICKI, Jozef

Attempts to determine the hygroscopic character of fertilizers
by dynamic method. Przem chem 39 no.5:262-265 My '60.

1. Politechnika Slaska, Gliwice

SZAFNICKI, Jozef, dr inz.

Urea, the fertilizer of the nearest future. Chemik 15, no.1:4-7
Ja '62.

1. Instytut Nawozow Sztucznych, Tarnow.

SZAFNICKI, Jozef, dr inz.

On liquid fertilizers. Chemik 15 no.4:125-128 Ap '62.

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SZAFNICKI, Jozef, dr inż.

A hundred years of applying blast furnace slag in agriculture.
Chemik 15 no.7/8:248-251 Jl-Ag '62.

SZAFNICKI, Jozef, dr inż.

Speedy methods of determining the moisture content in loose
material. Chemik 15 no.9:334-336 S '62.

SZAFNICKI, Jozsef, dr inz.

Secondary source of fertilizing potassium salts. Chemik 16 no.
10:301-303 0 '63.

1. Instytut Chemii Nieorganicznej, Gliwice.

SZAFNICKI, Wojciech; GOLEC, Henryk

Direct dyestuffs in high temperatures. Przegl wlokiien 16 no.4:213-220
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1. Instytut Przemyslu Organicznego, Oddzial w Lodzi.

SZAFNICKI, W.; GAJDA, J.

Fourth International Color Conference in Budapest. Przegl
wlokiem 17 no. 3: 123-127 Mr '63

SZAFONOV, A. G.

Planning aspects of the relationship between organizational forms of
the public health and the development of medical institutions. Nepe-
geszsegugy 42 no.7:206-211 Jl '61.

1. A Szovjetunio Egeszsegugyi Miniszteriuma Szakellatasi Foosztalyanak
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(STATE MEDICINE)
(HOSPITAL PLANNING AND CONSTRUCTION)

GUZEK, Jan, W.; ZYGULSKA-MACHOWA, Helena; SZAFRA, Leslaw; RUMBIESA, Roman;
GIEDOSZ, Bronislaw

Central regulation of carbohydrate metabolism in hypothermia.
Polski tygod. lek. 10 no.38:1233-1237 19 Sept 55.

1. Z Zakladu Patologii Ogolnej i Doswiadczałnej A.M. w Krakowie:
prof. dr. med. Bronislaw Giedosz. Krakow, ul. Czysta 18 Zaklad
Patologii Ogolnej i Doswiadczałnej A.M.

(BODY TEMPERATURE,
hypothermia, eff. of phenobarbital on carbohydrate
metab. in)

(CARBOHYDRATES, metabolism,
eff. of phenobarbital in hypothermia)

(BARBITURATES, effects,
phenobarbital, on carbohydrate metab. in hypothermia)

SZAFRAN, Bronislaw

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SZAFRAN, B.

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1. Department of Plant Taxonomy and Geography, Jagiellonian
University, Krakow.

SZAFRAN, H.

"In memory of Professor Adam Wodziczko."

p.3 (Chronica Przyrody Ojczysta, Vol. 14, No. 5, Sept./Oct., 1958. Krakow, Poland.)

Monthly Index of East European Accessions (EEAI) LC, Vol. 8, No. 1, Jan. 1959

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Hydrolysis of carboxylic esters by dog pancreatic juice
esterases. Acta biochim.polon. 6 no.2:205-217 '59.

1. Zaklad Chemii Fizjologicznej A. M. w Krakowie Kierownik:
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Kierownik: prof. dr J. Kaulbersz.
(ESTERASES - chemistry)
(PANCREATIC JUICE - chemistry)

SZAFRAN, Halina; SZAFRAN, Z.; OLEKSY, J.

Studies on hydrolases in digestive juices. V. Proteolytic enzymes
in pancreatic juice in dogs. Acta biochim.polon. 7 no.1:51-62 '60.

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dr B. Skarzynski. Zaklad Fizjologii A.M. w Krakowie. Kierownik:
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OLEKSY, J.; SZAFRAN, Halina; SZAFRAN, Z.

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juices in dogs. Acta biochim. polon. 8 no.1:43-53 '61.

J. Zaklad Chemii Fizjologicznej AM w Krakowie, Kierownik: Prof. Dr
B. Skarzynski Zaklad Fizjologii AM w Krakowie, Kierownik: Prof.
Dr. J. Kaulbersz.

(ESTERASES chem) (INTESTINES)

SZAFRAN, Z.; SZAFRAN, Halina; OLEKSY, J.

Studies on hydrolases of digestive juices. VII. Proteolytic activity
of canine intestinal juice. Acta biochim. polon. 9 no.3:205-214 '62.

1. Department of Physiological Chemistry and Department of Physiology,
Medical School, Krakow.
(PROTEASES - chemistry) (INTESTINE, SMALL → chemistry)

SZAFRAN, Halina; SZAFRAN, Z.

Studies on hydrolases of digestive juices. Acta biochim. pol. 10
no.2:141-150 '63.

1. Department of Physiological Chemistry, Medical School, Krakow.
(CHOLINESTERASE) (PANCREATIC JUICE) (CHEMISTRY)

SZAFRAN, Halina

Anorexia nervosa in puberty. Endokr. Pol. 14 no.6:647-652
N-D '63.

1. I Klinika Położnictwa i Chorób Kobiecych Akademii Medycznej
w Gdansku (Kierownik: prof. dr S. Metler).

SZAFRAN, Zdzislaw; SZAFRAN, Halina; POPIELA, Tadeusz

Esterolytic effect of the duodenal fluid on aromatic esters.
Folia med. Cracov. 6 no.1:93-99 '64

BIEN, Anna; SZAFRAN, Halina; SZAFRAN, Zdzislaw

Antiproteolytic activity of human cerebrospinal fluid. Neurol.
neurochir. Psychiat. Pol. 14, no.1:7-12 Ja-F '64.

1. Z Kliniki Neurologicznej Akademii Medycznej w Krakowie
(Kierownik: prof. dr. W. Jakimowicz) z Zakladu Chemii Fizjo-
logicznej Akademii Medycznej w Krakowie (Kierownik: prof.
dr. B. Skarzynski).

SZAFRAN, Halina

A case of giant ovarian cyst. Pol. tyg. lek. 19 no. 24: 921-
922 - 8 Je '64.

1. Z I Kliniki Polonictwa i Chorob Kobiecych Akademii Medycznej
w Gdansku (kierownik: prof. dr med. Stefan Metler).

SZAFRAN, L.

Effect of ether anaesthesia on estrus in mice. Przegl. lek., Krakow
8 no. 5:141 1952. (CIML 22:5)

1. Of the Institute of General and Experimental Pathology (Head--
Prof. B. Giedosz, M. D.) of Krakow Medical Academy.

SZAFRAN, L.

Med

Creatine in the blood and urine in experimental scurvy.
L. Szafran. *Patol. polon.*, 4, 310-24 (1933); *Excerpta Med.*, Sect. II, 8, 254 (1935).—In guinea pigs kept on the Lopez-Louba scurvy-producing diet, the creatine (I) and creatinine (II) levels in whole blood were exand, after 21 and 25 days. The levels of I and II in the urine were also tested at 15 and 25 days after the commencement of the diet. In the blood of animals in which the loss of wt. did not exceed 20 g., it was found that while the I level did not differ from that in controls (0.88 mg./100 ml.), the II level was slightly lowered (1.22 mg./100 ml.). In the controls the I level in the blood averaged 0.98 mg./100 ml. and that of II 1.46 mg./100 ml. Animals in which wasting was observed showed a marked decrease in the level of II (1.018 mg./100 ml.) and a rise in the II level (1.49 mg./100 ml.). The I content of the urine in animals not showing a rise in the blood I was exand. The I coeff. after 15 days on the diet was 3.34 mg./kg., and after 25 days 7.59 mg./kg. The II coeff. in normally fed animals was 16.92 mg./kg.; after 15 days on the scurvy-producing diet it was 13.95 mg./kg., and after 25 days 17.89 mg./kg. Creatinuria, increasing during the course of the disease independently of the I level in the blood, was observed.

K. L. C.

SZAFRAN, L.

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13 July 1953. (GIML 25:1)

1. Of the Institute of General and Experimental Pathology (Head--Prof.
B. Giedosz, M.D.) of Krakow Medical Academy.

SZAFRAN, Leslaw.

Picture of pancreatic islets in avitaminosis C. Polski
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1. w Zakladu Patologii Ogolnej i Doswiadczalnej A.M. w Krakowie;
kierownik: prof. dr. med. Bronislaw Giedosz. Krakow, Zaklad
Patologii Og. i Dosw. Ak. Med.

(SCURVY, experimental

islands of Langerhans, alpha & beta cells behavior,
in guinea pigs)

(ISLANDS OF LANGERHANS, in various diseases
scurvy, exper., alpha & beta cells behavior in
guinea pigs)

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kierownik: prof.dr med. B. Giedossz. Krakow, Zaklad Patologii
Ogolnej i Doswiadzalnej A.M.

(HYPOTHERMIA,

controlled, eff. of phenobarbital on carbohydrate metab.in)

(BARBITURATES, effects.

phenobarbital, on carbohydrate metab. in cont. hypothermia)

(CARBOHYDRATES, metabolism,

eff. of phenobarbital in controlled hypothermia)